Biological Safety Cabinet Class II
LX11BSC2

Email: info@labdex.com **website:** www.labdex.com

Description

It is designed with three protection systems which are operator, sample and environment and it is floor-mounted containment with 70% air circulation and 30% air exhaustion. Equipped with a large LCD display by which the user can check the detailed status of the cabinet, such as inflow and down flow velocity, work area temperature, humidity, filter pressure, UV working time, filter working time, filter life indicator, etc. It is mainly suitable for microbiological research in the absence of volatile or toxic chemicals and radionuclides.

Specifications

Internal dimension (W x D x H)	1210 x 660 x 660 mm
External dimension (W x D x H)	1383 x 775 x 2295 mm
Tested opening	Safety height 254 mm
Max opening	550 mm
Tap	Water tap x 1, Gas tap x 1
Filter guard type	Aluminium alloy frame, glass fiber filter paper
Ground resistance	≤ 0.10Ω
Inflow velocity	587m³/h(346cfm)
Downflow velocity	60%:863m³/h(508cfm)
Exhaust	40%:587m³/h(346cfm)
ULPA filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator
Front window	Motorized, Two-layer laminated toughened glass ≥5mm, Anti UV

Noise	NSF 49≤67dB
UV lamp	30 W
Emission	253.7 nanometers for most efficient decontamination
LED lamp	18 W x 2
Illumination	≥1000Lux
Socket	Two, total load of two sockets: 500W
Display	LCD display
Visual and audio alarm	Abnormal airflow velocity, Filter change, Front Window over height, High filter pressure alarm
Material	304 Stainless steel
Main body	Cold-rolled steel with anti-bacteria powder coating
Work surface height	750mm with base stand
Power supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Power consumption	500 W
Package dimension (W x D x H)	1540 x 1080 x 1900 mm
Gross weight	340 kg

Features

- Large LCD display for visual monitoring of set parameters
- Having a wind speed sensor and stainless steel IV bar with 10 hooks
- Automatic air speed adjustable with filter block
- Remote control system: all the functions can be accessed through a remote
- With memory function in case of power failure
- The side and back wall are made up of single-piece stainless steel
- Waterproof sockets x 2
- Front 10° slanted to offer operator comfort while working for a long time
- Interlock function for UV lamp and front window, UV lamp and blower, LED lamp, blower and front window

Applications

- Used in laboratories in which the user can perform procedures with non-volatile, lightly volatile, radionuclide, chemical protection, etc.

Standard Accessories

Accessory no	Specifications
1	LED lamp x 2 Pcs
2	UV lamp x 1 Pcs
3	Fluorescent lamp
4	Base stand
5	SS water & gas taps
6	Drain valve
7	Waterproof sockets
8	Stainless steel IV bar with 10 hooks

9	Remote control

Optional Accessories

Accessory no	Specifications
1	Armrest
2	Airflow tester
3	Formalin fumigation sterilizer
4	Infrared sterilizer
5	Electric height adjustable base stand

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

Email: info@labdex.com | Website: www.labdex.com